

No. 2869 Survey held at Perth Date 11th June 1861
on the Schooner Agnes & Helen Master R Stevenson
Tonnage Old Built at Perth When built 1861 Launched 11/6/61
By whom built J Smutson Owners Stevenson Brothers
Port belonging to Stranraer Destined Voyage Coasting
If Surveyed while Building, Afloat, or in Dry Dock Building

Length aloft	72	Feet.	Extreme Breadth Outside	17.9	Feet.	Depth of Hold	9.27	Feet.
Scantlings of Timber.								
TIMBER AND SPACE	full.	19 1/2	IN SHIP. Moulded.			Thickness of Plank.		
Floors	Single	7 1/2	Sided.	Middle.	Ends.	In Ship.	Required per Rule.	In Ship.
1 st Foothooks		7 1/2	7 1/2	7	6	2 1/2	2	3
2 nd Ditto		6 1/2	6 1/2	6 1/2	5 1/8	3	3	3
3 rd Ditto		6 1/2	6 1/2	6 1/2	5 1/8	3	3	3
Top Timbers		6 1/2	6 1/2	6 1/2	5 1/8	3	3	3
Deck { N ^o 15 Average Space }		3 1/2	3 1/2	3 1/2	3 1/2	3	3	3
Beams { }		3 1/2	3 1/2	3 1/2	3 1/2	3	3	3
Deck Beams, length amidships		16.6						
Hold { N ^o Average Space }								
Beams { }								
Hold Beams, length amidships								
Keel		9 1/4	11 3/4	8	8			
Scarphs of Ditto		3.0		4.0				
Keelsons		10	13 3/4	9	9			
Scarphs of Ditto	none							

Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.

Heel-Knee, and Deadwood abaft	7/8	7/8	Transoms and throats of Hooks	7/8	3/4	Waterway ..		
Scarphs of Keel	3/4	3/4	Arms of Hooks	3/4	1/2	Hold Beam Bolts in		
Keelson Bolts through Keel at each Floor	7/8	3/4	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	5/8	9/16	Knees ..		
Bolts through Heels of Timbers against Deadwood	1/2	5/8	Butt End Bolts	9/16	9/16	Shelf or Clamp		
			Pintles of the Rudder	2 1/2	1 1/8	Waterway ..	5/8	5/8
						Deck Beam Bolts in	1/2	5/8
						Knees ..	1/2	5/8
						Shelf or Clamp	5/8	5/8
						Nails or Bolts in Flat of Deck	Nails	1
						Treenails	18	1

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 13 1/4 Inches. The Space between the Top-Timbers is 3 Inches.

The Floors consist of Scotch Oak The First Foothooks of German & Brit Oak

The Second Foothooks of Brit & German Oak The Third Foothooks and Top Timbers of German & Brit Oak

The Shifts of the First and Second Foothooks are not less than 2 1/2 feet. N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are

The Frame is well squared from the First Foothook Heads upwards, and fairly free from sap, and from thence downwards, the frame is well squared

The alternate Frames are each bolted together to the Gunwale, & ship built on Treenails except on ends N. B. If not, state how bolted.

The Butts of the Timbers are close together; their thickness not less than 1 1/2 of the entire moulding at that place.

The Frame is cross chocked with no Butt at each end of the chock. The Main piece of Rudder is British Oak

The Main Keelson is Pitch Pine and free from all defects. The Main piece of Windlass is German Oak

The Stem, and Stern Post, consist of German Oak unimpured Brit Oak The Transoms, Aprons, Knight Heads, and

Hawse Timbers of German Oak Deadwood, of German & Brit Oak and are free from all defects.

The Deck and Hold Beams consist of Larch & Brit Oak The Breasthooks of Brit & German Oak The Knees of Brit & Larch

Planking Outside.—From the Keel to the Height defined in Note to Table A or to the First Foothook Heads the Plank is American Elm Beech Bl Birch

From the above named Height to the Light Water Mark Larch & Red Pine

From the Light Water Mark to the Wales Red Pine & Larch

The Wales and Black-strakes are German & Canada Oak The Topsides German & Canada Oak

The Sheer-strakes and Plank-sheers German & Canada Oak The Water-ways { Upper Deck Red Pine & Larch

The Decks Quebec Yellow Pine Lower Deck Red Pine & Larch

State of Good

The Shifts of the Planking are not less than 5 Feet up Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship.

The Planking is wrought Spine between, and without step-butting.

Planking Inside.—The Limber-strakes and Bilge-strakes are German & Canada Oak

The Ceiling, Lower Hold, and between Decks German & Red Pine & Larch Shelf Pieces and Clamps Pitch Pine & Larch

Fastenings.—To Hold Beams Brit Beams of Cabin & fore-castle single turned at ends

Deck Beams Double Solid British Oak & Larch

Number of Breasthooks 3 per 2 aft Pointers two pair for underhooks Crutches

Butts End Bolts are of Iron in the Bottom, and one Bolt in each Butt End through and clenched, & one short

Bilge and Limber Strakes Iron bolted through and clenched. Treenails of Brit Oak How Made Engine turned

Thickstuff over Double Floors bolts through and clenched General Quality of Workmanship Good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature David Smutson Surveyor's Signature Thomas Alexander

DW105-0054

Her Masts, Yards, &c. are in Good condition, and sufficient in size and length.

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .				Fathoms.	Inches.	N ^o .	Weight.
/	Fore Sails,		Chain <u>mooring chain</u>	120	13/16	Bower,	2 3.0.18
/	Fore Top Sails,		Hempen Stream Cable	30	1 1/2		4 2.21
/	Fore Topmast Stay Sails,		Hawser	70	3	Stream,	1 1.2.25
/	Main Sails, & <u>Tripail</u>		Towlines	70	4		
/	Main <u>Top</u> Sails,		Warp	70	3	Kedge,	1 1.0.11
and <u>other sails reg.</u>			All of <u>Good</u> quality.				

Her Standing and Running Rigging are Hemp sufficient in size and Good in quality.

She has one Mast Long Boat and Capstan

The present state of the Windlass is Good Rudder Good Pumps 2 Metal

General Remarks and Statement and Date of Repairs, if any.

DATES of Surveys held while building, as per Section 35. 1st. When the Frame is completed 27th March
2nd. When the Beams are put in, &c. 26 April
3rd. { When completed, and before the } 29th May
 { plank be painted or payed }

This vessel is flush decked with square stern formed by the stern & Counter timbers, filling in against after Posts & secured by the planking blocks &c.

Specially surveyed while building under sanction of order No 80

Present condition of Caulking of Bottom, Efficient Deck, Efficient and Waterways Efficient

If Sheathed, Doubled, Felted, or Coppered Single Bottom When last done Good

I am of opinion this Vessel should be Classed 7 A 1

The Amount of the Fee.....£ 1 : 0 : 0 is received by me, Thomas Alexander

Special£ 3 : 5 : 0

Certificate£ 4 : 5 : 0

Committee's Minute 14th June 1861

Character assigned 1 for 7 Years



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